

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/084367 A1

(51) International Patent Classification: H01T 13/20,
13/39 // B23K 20/08

(21) International Application Number:
PCT/PT2004/050025

(22) International Filing Date: 10 March 2004 (10.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
20030401 18 March 2003 (18.03.2003) FI

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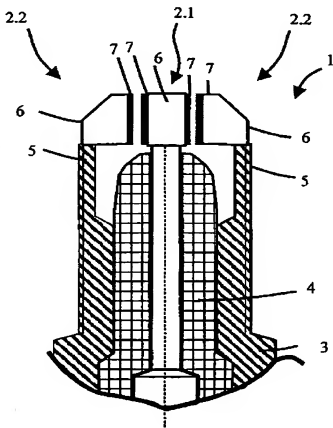
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
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TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

[Continued on next page]

(54) Title: SPARK PLUG AND METHOD FOR PRODUCING IT



(57) Abstract: A spark plug (1) for an internal com-
bustion engine, the spark plug having at least two elec-
trodes, in which the electrode (2.1, 2.2) are formed of
a first part (5) made of a substrate material and a sur-
face part (7) more durable than the substrate material.
The surface part (7) of the spark plug is joined to the
first part (5) via an intermediate part (6) making use of ex-
plosion welding. The method also relates to a method
for producing a spark plug (1) for an internal combus-
tion engine, the spark plug having at least two electrodes
(2.1, 2.2).

WO 2004/084367 A1

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(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050025

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H01T 13/20, H01T 13/39 // B23K 20/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01T, B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2391455 A (F.R. HENSEL), 25 December 1945 (25.12.1945), column 1, line 34 - line 38, figure 3 --	1-8
A	EP 0817342 A1 (NGK SPARK PLUG CO., LTD), 7 January 1998 (07.01.1998), column 2, line 3 - line 51; column 4, line 52 - column 5, line 3, figure 1 --	1-8
A	EP 0903824 A1 (NGK SPARK PLUG CO. LTD.), 24 March 1999 (24.03.1999), abstract --	1-8

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

6 July 2004

Date of mailing of the international search report

16-07-2004

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050025

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1047513 A (E.I. DU PONT DE NEMOURS & COMPANY), 19 April 1963 (19.04.1963), page 2, line 44 - line 48 --	1-8
A	US 5323955 A (OSWALD R. BERGMANN ET AL), 28 June 1994 (28.06.1994), column 1, line 14 - line 34; column 5, line 44 - line 50 -- -----	1-8
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INTERNATIONAL SEARCH REPORT
Information on patent family members

30/04/2004

International application No.

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